

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2004/003160

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H04Q 7/30, 7/32, 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: H04Q 7/00, 7/30, 7/32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPODOC, PAJ, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 146 758 A1 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 17 October 2001 (17.10.2001) <i>abstract, [0002] - [0017], claims 1, 5, 6, figure 3.</i>	1
A	EP 0 946 070 A2 (NEC CORPORATION) 29 September 1999 (29.09.1999) <i>abstract, claims, figure 11.</i>	1
A	US 2002/0150064 A1 (T. LUCIDARME) 17 October 2002 (17.10.2002) <i>abstract, [0001] - [0008], claims.</i>	5

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 930 242 A (Y. MIMURA) 27 July 1999 (27.07.1999) <i>abstract, claims, figures 1, 2.</i> —	1
A	JP10065612 A (NOKIA MOBILE PHONES LTD) 6 March 1988 (06.03.1988) (abstract) [online] [retrieved on 19.05.2005] Retrieved from: EPODOC/WPI/PAJ Database <i>abstract.</i> ---	1

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR 2004/003160

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP A 946070		EP A2 0946070 CA A1 2266810 US B1 6405021 JP A 2001119342 JP A 11340909	1999-09-29 1999-09-27 2002-06-11 2001-04-27 1999-12-10
EP A1 1146758	2001-10-17	CN C 1133346C US A1 2003060225 WO A1 0141481 AU A 1648401 JP A 2001156869	2003-12-31 2003-03-27 2001-06-07 2001-06-12 2001-06-08
JP A 10065612 A2		none	
US A 20020150 064		none	